

Converting Colors

CIELCh(73, 36.894, 21.679)

Have a look what the booklet for
CIELCh(73, 36.894, 21.679) contains.

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Color

CIELCh(73, 37.170, 21.340)

Conversions

Conversions Part 1

Format	Color
Hex	F69A9C
RGB	246, 154, 156
RGB Percent	96%, 60%, 61%
CMY	0.0348, 0.3956, 0.3878
CMYK	0.00, 0.37, 0.37, 0.03
HSL	359°, 84%, 78%
HSV	359°, 37%, 97%
XYZ	55.6304, 45.1644, 37.2845
YIQ	181.7360, 54.1900, 20.1260

Conversions

Conversions Part 2

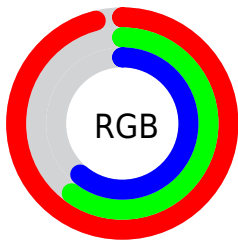
Format	Color
R _Y B	246, 154, 156
Decimal	16161436
CIE Lab	73.00, 34.62, 13.53
CIE LCh	73, 37.170, 21.340
Yxy	45.1644, 0.4029, 0.3271
Android (android.graphics.Color)	4294351516 (0xFFFF69A9C)
YUV	181.7360, -12.6878, 56.3595
Hunter-Lab	67.2044, 30.1506, 14.1495

Details

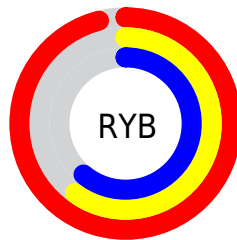
The CIELCh color **73, 37.170, 21.340** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 28.824, 195.514**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.220, 18.952**, and **53, 37.247, 20.875** is the 20% darker color. If you saturate the color by 10%, you get **67, 48.562, 23.131**, and if you desaturate by 10%, it is **79, 26.295, 19.967**.

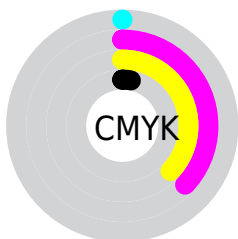
Distribution



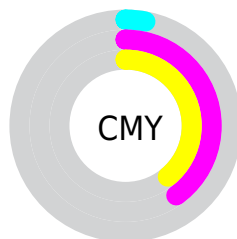
- Red (96%)
- Green (60%)
- Blue (61%)



- Red (96%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (37%)
- Yellow (37%)
- Black (3%)



- Cyan (3%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 37.170, 21.340 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 73, 37.170, 21.340 by changing the saturation by 10% instead.

73, 37.170, 21.340

73, 37.170, 21.340

100, 37.170,
21.340

63, 37.170, 21.340

93, 37.170, 21.340

53, 37.170, 21.340

43, 37.170, 21.340

33, 37.170, 21.340

23, 37.170, 21.340

13, 37.170, 21.340

3, 37.170, 21.340

0, 37.170, 21.340

73, 37.170, 21.340

73, 37.170, 21.340

67, 48.562, 23.131

79, 26.295, 19.967

62, 60.234, 25.445

85, 16.081, 18.892

58, 71.826, 28.387

92, 6.573, 18.007

55, 82.879, 31.943

99, 2.240, 197.737

53, 92.677, 35.769

99, 3.073, 199.426

52, 99.669, 38.866

51, 100.939,
39.379

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73, 37.170, 21.340



91, 28.824, 195.514

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 37.170, 21.340



73, 37.170, 71.340



73, 37.170, 201.340



73, 37.170, 251.340

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73, 37.167, 21.344



92, 10.221, 18.318



75, 57.204, 325.487



48, 6.904, 18.436



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 37.167, 21.344



71, 47.158, 22.678



83, 30.545, 67.261



48, 5.079, 18.187



39, 81.571, 39.125



8, 30.885, 24.144

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



73, 37.167, 21.344



71, 47.158, 22.678



80, 26.819, 257.942



48, 5.079, 18.187



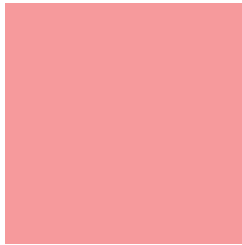
39, 81.571, 39.125



8, 30.885, 24.144

Previews

White Background



This preview shows how the CIELCh color 73, 37.170, 21.340 looks on a white background.

Color Contrast Check

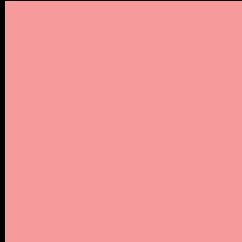
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 37.170, 21.340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 37.170, 21.340

Background



This preview shows how black text looks on a background with the CIELCh color 73, 37.170, 21.340.



This preview shows how white text looks on a background with the CIELCh color 73, 37.170, 21.340.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

73, 37.170, 21.340

Protanopia

73, 5.860, 86.529

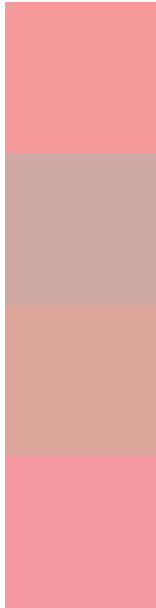
Deuteranopia

73, 17.246, 58.732



Tritanopia
73, 37.615, 14.236

Trichromacy



Original Color
73, 37.170, 21.340

Protanomaly
73, 14.979, 33.015

Deuteranomaly
73, 23.352, 37.160

Tritanomaly
73, 37.680, 16.667

Monochromacy



Original Color
73, 37.170, 21.340

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 12.765, 18.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 37.170, 21.340 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(246, 154, 156)` looks like.

```
.text, #text, p{  
    color:rgb(246, 154, 156)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(246, 154, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 154, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 37.170, 21.340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 154, 156) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(246, 154, 156) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(246, 154, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 154, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 154, 156);  
box-shadow:4px 4px 4px 4px rgb(246, 154,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 37.170, 21.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 154, 156) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(246,  
154, 156) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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